



Applicants: Dick et al.
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NEW ABSTRACT

A user equipment is used in a code division multiple access communication system. The user equipment comprises circuitry configured to process a user equipment identification (UE ID) by $\frac{1}{2}$ rate convolutionally encoding the UE ID to produce a code. The code is used by the user equipment for descrambling a high speed shared control channel (HS-SCCH). The user equipment comprises circuitry configured to receive payload data over a high speed physical downlink shared channel (HS-PDSCH) associated with the HS-SCCH.